

Detailed Facility Report

Facility Summary

**EXELON GENERATION
CO/CHESTER
2501 SEAPORT DR, CHESTER,
PA 19013**

FRS (Facility Registry Service) ID:

110010278877

EPA Region: 03

Latitude: 39.829365

Longitude: -75.385399

Locational Data Source: NEI

Industry:

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Insp (5 Years)	--
Date of Last Inspection	07/17/2012
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Insp (5 Years)	--
Date of Last Inspection	02/07/2014
Current Compliance Status	No Violation Identified
Qtrs with NC (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): Operating Major (PA000548104)
 Clean Water Act (CWA): No Information
 Resource Conservation and Recovery Act (RCRA): Active (PAD000731026),
 Active (PAD000796219)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 4724311
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110010278877					N	39.829365	-75.385399
ICIS		35984					N		
ICIS-Air	CAA	PA000548104	Major Emissions	Operating	CAASIP, CAATVP		N	39.829365	-75.385397
CAMDBS	CAA	3157		ACTIVE			N		
EIS	CAA	4724311					N	39.8439	-75.3575

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
RCRAInfo	RCRA	PAD000731026	Other	Active (A)			N	39.829441	-75.383997
RCRAInfo	RCRA	PAD000796219	VSQG	Active (H)			N	39.847222	-75.372778

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110010278877	EXELON GENERATION CO/CHESTER	2501 SEAPORT DR, CHESTER, PA 19013
ICIS		35984	PECO ENERGY CO GOULD CHEMCLEAR	JEFFREY ST & DELAWARE AVENUE, CHESTER, PA 19013
ICIS-Air	CAA	PA000548104	EXELON GENERATING STA/ CHESTER	2501 SEAPORT DR, CHESTER, PA 19013-2249
CAMDBS	CAA	3157	CHESTER STATION	PA
EIS	CAA	4724311	EXELON GENERATING STA/ CHESTER	2501 SEAPORT DR, CHESTER, PA 19013
RCRAInfo	RCRA	PAD000731026	PECO ENERTGY GOULD CHEMCLEAR	JEFFREY & DELAWARE AVE, CHESTER, PA 19013
RCRAInfo	RCRA	PAD000796219	EXELON GENERATION CO CHESTER STA	FRONT & WARD STREETS, CHESTER, PA 19013

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	PA000548104	4911	Electric Services

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
CAMDBS	3157	221112	Fossil Fuel Electric Power Generation
EIS	4724311	221112	Fossil Fuel Electric Power Generation
ICIS-Air	PA000548104	221112	Fossil Fuel Electric Power Generation
RCRAInfo	PAD000731026	221121	Electric Bulk Power Transmission and Control
RCRAInfo	PAD000731026	221122	Electric Power Distribution
RCRAInfo	PAD000731026	221210	Natural Gas Distribution
RCRAInfo	PAD000796219	221112	Fossil Fuel Electric Power Generation

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	PA000548104	ICIS-Air	Inspection/Evaluation	TV ACC Receipt/Review	EPA	03/27/2020	Reviewed: 08/31/2020 Facility Reported No Deviations

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	PA000548104	No	04/10/2021	0	04/09/2021
RCRA	PAD000731026	No	04/10/2021	0	04/09/2021

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)			Current As Of	Qtrs with NC (Noncompliance) (of 12)		Data Last Refreshed
RCRA	PAD000796219	No			04/10/2021	0		04/09/2021

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	CAA (Source ID: PA000548104)				04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status				No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History															
	Violation Type	Agency	Programs	Pollutants												

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: PAD000731026)	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	RCRA (Source ID: PAD000796219)	04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	1-Hour Ozone (1979); 8-Hour Ozone (2008); 8-Hour Ozone (2015)	No	
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997); PM-2.5 (2006); PM-2.5 (2012)
Carbon Monoxide	No		No	

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

Air Pollutant Report

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	81.7
Ozone NATA Diesel PM	81.7
NATA Air Toxics Cancer Risk	82.8
NATA Respiratory Hazard Index (HI)	79.8
Traffic Proximity	88.7
Lead Paint Indicator	95.8
Superfund Proximity	95.4
Risk Management Plan (RMP) Proximity	93.8
Hazardous Waste Proximity	88.5
Wastewater Discharge Proximity	98.6

Number of EJ Indexes Above 80th Percentile
10

View EJSCREEN Report

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons	62,767
Population Density	2,948/sq.mi.
Percent Minority	58%
Households in Area	22,417
Housing Units in Area	25,203
Households on Public Assistance	1,769
Persons Below Poverty Level	27,390

Geography	
Radius of Selected Area	3 mi.
Center Latitude	39.829365
Center Longitude	-75.385399
Land Area	75%
Water Area	25%

Income Breakdown - Households (%)	
Less than \$15,000	5,016 (21.41%)
\$15,000 - \$25,000	3,092 (13.2%)
\$25,000 - \$50,000	6,370 (27.19%)
\$50,000 - \$75,000	3,786 (16.16%)
Greater than \$75,000	5,166 (22.05%)

Age Breakdown - Persons (%)	
Children 5 years and younger	4,724 (8%)
Minors 17 years and younger	16,756 (27%)
Adults 18 years and older	46,012 (73%)
Seniors 65 years and older	7,114 (11%)

Race Breakdown - Persons (%)	
White	27,575 (44%)
African-American	31,211 (50%)
Hispanic-Origin	3,947 (6%)
Asian/Pacific Islander	567 (1%)
American Indian	178 (0%)
Other/Multiracial	3,236 (5%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	2,314 (5.89%)
9th through 12th Grade	4,814 (12.25%)
High School Diploma	18,125 (46.12%)
Some College/2-year	9,160 (23.31%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4,886 (12.43%)